



US009920298B2

(12) **United States Patent**
McPherson et al.

(10) **Patent No.:** **US 9,920,298 B2**
(45) **Date of Patent:** **Mar. 20, 2018**

(54) **COTTON VARIETY PX4433-25WRF**

(71) Applicant: **Phytogen Seed Company, LLC**,
Indianapolis, IN (US)

(72) Inventors: **Mustafa G. McPherson**, Leland, MS
(US); **Joel F. Mahill**, Bakersfield, CA
(US)

(73) Assignee: **Phytogen Seed Company, LLC**,
Indianapolis, IN (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 81 days.

(21) Appl. No.: **14/557,678**

(22) Filed: **Dec. 2, 2014**

(65) **Prior Publication Data**

US 2015/0150206 A1 Jun. 4, 2015

Related U.S. Application Data

(60) Provisional application No. 61/911,176, filed on Dec.
3, 2013.

(51) **Int. Cl.**

A01H 1/00 (2006.01)

A01H 5/00 (2006.01)

A01H 5/10 (2006.01)

C12N 15/82 (2006.01)

C12N 5/04 (2006.01)

(52) **U.S. Cl.**

CPC **C12N 5/04** (2013.01); **A01H 5/10** (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2010/0112182 A1* 5/2010 Burdett A23D 9/00
426/601

OTHER PUBLICATIONS

Dow AgroSciences Australia, Risk assessment and risk manage-
ment plan, DIR 040/2003, Nov. 2003.*

* cited by examiner

Primary Examiner — Mykola V Kovalenko

(74) *Attorney, Agent, or Firm* — C. Philip Poirier

(57) **ABSTRACT**

The disclosure relates to a cotton variety, designated PX4433-25WRF, the plants and seeds of the cotton variety PX4433-25WRF, methods for producing a cotton plant, either varietal or hybrid, produced by crossing the cotton variety PX4433-25WRF with itself or with another cotton plant, hybrid cotton seeds and plants produced by crossing the variety PX4433-25WRF with another cotton variety or plan, methods for producing a cotton plant containing in its genetic material one or more transgenes, and the transgenic cotton plants produced by that method. This disclosure also relates to cotton varieties derived from cotton variety PX4433-25WRF, to methods for producing other cotton varieties derived from cotton variety PX4433-25WRF, and to the varieties derived by the use of those methods.

18 Claims, No Drawings